Compressors

Belt Driven Static



A powerful range of single and three phase compressors designed with larger volumes of air and higher working pressures to meet the demands of professional and industrial applications. Ideal for larger size workshops, or where higher demands of air and heavier duty applications are required.

alma

- All pumps are fitted with a cast Iron cylinder for increased cooling
- Full sized pumps with large oil sump for increased lubrication and clear oil sight glass
- Special non-wear construction conrods and robust cast Iron crankshafts
- Efficient cooling thanks to the aluminium heads and large after cooling fins
- Precision piston rings fitted to lightweight pistons provide optimum performance
- Two stage pumps fitted with additional aftercoolers for increased cooling between compression stages
- Special design valve plates with higher load resistance

- Cast-Iron high-pressure pistons fitted to NS39 and NS59S pumps which reduces the wear of the conrods and further increase the lifetime of the compressor
- Large, multi-bladed flywheel for maximum cooling of the pump surrounded by heavy duty steel construction belt guard
- Single and three phase electric motors fitted with thermal overload protection.
- Automatic stop/start pressure switches fitted with soft start valves, prewired
- Unload solenoid valve on all models with star delta starter
- Machines fully CE certified and manufactured in accordance with EN ISO9001

Receiver Size	Motor	Maximum Pressure	Piston Displacement	Free Air Delivery	Dimensions L x W x H	Net Weight	Phase
L	HP / kW	Bar	CFM	CFM	cm	kg	
150	3.0 / 2.2	10	13.9	10.1	138 x 42 x 95	87	1*
50	3.0 / 2.2	10	13.9	10.1	138 x 42 x 95	87	3
200	3.0 / 2.2	10	13.9	10.1	150 x 45 x 96	131	1*
200	3.0 / 2.2	10	13.9	10.1	150 x 45 x 96	131	3
270	4.0 / 3.0	10	17.1	11.9	153 x 60 x 116	140	1**
270	5.5 / 4.0	11	23.1	17.8	152 x 59 x 126	180	3
270	7.5 / 5.5	11	29.2	23.2	152 x 59 x 126	210	3
270	10.0 / 7.5	11	42.7	34.1	152 x 59 x 126	220	3
	Size L 150 50 200 200 270 270 270 270	Size HP / kW 150 3.0 / 2.2 50 3.0 / 2.2 200 3.0 / 2.2 200 3.0 / 2.2 200 3.0 / 2.2 200 3.0 / 2.2 200 3.0 / 2.2 270 4.0 / 3.0 270 5.5 / 4.0 270 7.5 / 5.5	Size Pressure L HP / kW Bar 150 3.0 / 2.2 10 50 3.0 / 2.2 10 200 3.0 / 2.2 10 200 3.0 / 2.2 10 200 3.0 / 2.2 10 200 3.0 / 2.2 10 200 3.0 / 2.2 10 270 4.0 / 3.0 10 270 5.5 / 4.0 11 270 7.5 / 5.5 11	Size Pressure Displacement L HP / kW Bar CFM 150 3.0 / 2.2 10 13.9 50 3.0 / 2.2 10 13.9 200 3.0 / 2.2 10 13.9 200 3.0 / 2.2 10 13.9 200 3.0 / 2.2 10 13.9 200 3.0 / 2.2 10 13.9 200 3.0 / 2.2 10 13.9 200 3.0 / 2.2 10 13.9 270 4.0 / 3.0 10 17.1 270 5.5 / 4.0 11 23.1 270 7.5 / 5.5 11 29.2	Size Pressure Displacement Delivery L HP / kW Bar CFM CFM 150 3.0 / 2.2 10 13.9 10.1 50 3.0 / 2.2 10 13.9 10.1 200 3.0 / 2.2 10 13.9 10.1 200 3.0 / 2.2 10 13.9 10.1 200 3.0 / 2.2 10 13.9 10.1 200 3.0 / 2.2 10 13.9 10.1 200 3.0 / 2.2 10 13.9 10.1 200 3.0 / 2.2 10 13.9 10.1 270 4.0 / 3.0 10 17.1 11.9 270 5.5 / 4.0 11 23.1 17.8 270 7.5 / 5.5 11 29.2 23.2	Size Pressure Displacement Delivery L x W x H L HP / kW Bar CFM CFM cm 150 3.0 / 2.2 10 13.9 10.1 138 x 42 x 95 50 3.0 / 2.2 10 13.9 10.1 138 x 42 x 95 200 3.0 / 2.2 10 13.9 10.1 150 x 45 x 96 200 3.0 / 2.2 10 13.9 10.1 150 x 45 x 96 200 3.0 / 2.2 10 13.9 10.1 150 x 45 x 96 200 3.0 / 2.2 10 13.9 10.1 150 x 45 x 96 200 3.0 / 2.2 10 13.9 10.1 150 x 45 x 96 270 4.0 / 3.0 10 17.1 11.9 153 x 60 x 116 270 5.5 / 4.0 11 23.1 17.8 152 x 59 x 126 270 7.5 / 5.5 11 29.2 23.2 152 x 59 x 126	Size Pressure Displacement CFM Delivery CFM L x W x H cm Weight kg 150 3.0 / 2.2 10 13.9 10.1 138 x 42 x 95 87 50 3.0 / 2.2 10 13.9 10.1 138 x 42 x 95 87 200 3.0 / 2.2 10 13.9 10.1 150 x 45 x 96 131 200 3.0 / 2.2 10 13.9 10.1 150 x 45 x 96 131 200 3.0 / 2.2 10 13.9 10.1 150 x 45 x 96 131 200 3.0 / 2.2 10 13.9 10.1 150 x 45 x 96 131 200 3.0 / 2.2 10 13.9 10.1 150 x 45 x 96 131 270 4.0 / 3.0 10 17.1 11.9 152 x 59 x 126 180 270 5.5 / 4.0 11 23.1 17.8 152 x 59 x 126 210 270 7.5 / 5.5 11 29.2 23.2 152 x 59 x 126 210

*16 amp supply required / **32 amp supply required